

Title (en)
THERMOPLASTIC POLYURETHANE COMPOSITION WITH HIGH MECHANICAL PROPERTIES, GOOD RESISTANCE AGAINST UV RADIATION AND LOW BLOOMING AND FOGGING

Title (de)
THERMOPLASTISCHE POLYURETHANZUSAMMENSETZUNG MIT HOHEN MECHANISCHEN EIGENSCHAFTEN, GUTER BESTÄNDIGKEIT GEGEN UV-STRALUNG UND GERINGEM AUSBLÜHEN UND BESCHLAG

Title (fr)
COMPOSITION THERMOPLASTIQUE DE POLYURÉTHANE PRÉSENTANT DES PROPRIÉTÉS MÉCANIQUES ÉLEVÉES, UNE BONNE RÉSISTANCE CONTRE LE RAYONNEMENT UV ET DE FAIBLES EFFLORESCENCE ET FORMATION DE BUÉE

Publication
EP 4165103 A1 20230419 (EN)

Application
EP 21730790 A 20210607

Priority
• EP 20179911 A 20200615
• EP 2021065164 W 20210607

Abstract (en)
[origin: WO2021254807A1] The invention is directed to a composition comprising thermoplastic polyurethane being the reaction product of a pentamethylene diisocyanate, a polycarbonate diol, and a chain extender, a respective production process, the use of this composition and articles derived from this composition.

IPC 8 full level
C08G 18/73 (2006.01); **C08G 18/32** (2006.01); **C08G 18/48** (2006.01); **C08G 18/65** (2006.01)

CPC (source: EP US)
C08G 18/3206 (2013.01 - EP US); **C08G 18/44** (2013.01 - US); **C08G 18/4854** (2013.01 - EP); **C08G 18/6511** (2013.01 - EP); **C08G 18/73** (2013.01 - EP US); **C08K 7/14** (2013.01 - US); **C08K 7/20** (2013.01 - US); **C08G 2110/0008** (2021.01 - EP); **C08G 2110/0058** (2021.01 - EP)

Citation (search report)
See references of WO 2021254807A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2021254807 A1 20211223; CN 115702183 A 20230214; EP 4165103 A1 20230419; JP 2023530699 A 20230719; US 2023250219 A1 20230810

DOCDB simple family (application)
EP 2021065164 W 20210607; CN 202180043069 A 20210607; EP 21730790 A 20210607; JP 2022577385 A 20210607; US 202118001700 A 20210607